

T E N N E S S E E CAREERS[®]



Science, Technology,
Engineering & Mathematics

Career Cluster Guide

2008-2009

Four Steps to Career Success

About the Science, Technology, Engineering & Mathematics Career Cluster

Careers in the Science, Technology, Engineering and Mathematics Career Cluster encompass planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services and research and development services.

GET STARTED TODAY!

1

Assess Yourself

Identify your strengths. Then compare them with job expectations in favorite fields.

2

Check the Labor Market

See how a specific occupation fares in Tennessee. Turn to pages 4-9.

3

Find Schools and Educational Programs

Find information on education, training, financial aid, and licensing. See pages 10-15.

4

Find Employers and Job Openings

Check out the Web sites below or visit your local career centers to find out about opportunities in Tennessee.

Free Online Resources to Explore Careers

Tennessee Career Information Delivery System (TCIDS): <http://tcids.tbr.edu/>

KUDER Tennessee College and Career Planning System prepared by edamerica:

<http://www.planningyourdreams.org/>

Tennessee Department of Labor and Workforce Development:

Education, Wages, Jobs and More: <http://www.sourcetn.org>

Youth pages: <http://state.tn.us/labor-wfd/youth>

Career Center locations: <http://www.state.tn.us/labor-wfd/cc/>

Tennessee Department of Education, Career and Technical Education: <http://www.tennessee.gov/education/cte/>

Online Tennessee Board of Regents ROCC Virtual Career Center: <http://careers.rodop.org/>

College for TN, powered by xap: <http://www.collegefortn.org/>

SECONDARY PROGRAMS OF STUDY*	Specific Occupations	
Engineering and Technology	<ul style="list-style-type: none"> • Aerospace Engineers • Agricultural Engineers • Atmospheric and Space Scientists • Biomedical Engineers • Cartographers and Photogrammetrists • Chemical Engineers • Civil Engineers • Computer Hardware Engineers • Cost Estimators • Electrical and Electronic Engineering Technicians • Electrical Engineers • Electromechanical Technicians 	<ul style="list-style-type: none"> • Engineering Managers • Engineering Technicians, Except Drafters, All Others • Health and Safety Engineers, Except Mining Safety • Industrial Engineering Technicians • Industrial Engineers • Materials Engineers • Mechanical Engineering Technicians • Mechanical Engineers • Nuclear Engineers • Surveying and Mapping Technicians • Engineers, All Others
Science and Mathematics	<ul style="list-style-type: none"> • Astronomers • Biochemists and Biophysicists • Biological Scientists • Biological Scientists, All Others • Chemical Technicians • Chemists • Epidemiologists • Geoscientists, Except Hydrologists and Geographers • Hydrologists • Life, Physical, and Social Science Technicians, All Others • Life Scientists, All Others • Materials Scientists • Mathematical Scientists, All Others 	<ul style="list-style-type: none"> • Mathematical Technicians • Materials Scientists • Mathematical Scientists, All Others • Mathematical Technicians • Mathematicians • Medical Scientists, Except Epidemiologists • Microbiologists • Miscellaneous Mathematical Scientists • Natural Sciences Managers • Nuclear Technicians • Physicists • Physical Scientists, All Others • Weighers, Measurers, Checkers, and Samplers, Recordkeeping



Science, Technology, Engineering & Mathematics Jobs in Tennessee

Title	Basic Description	Projected Total 2014 Employment	
Source: See footnote #2.	Source: See footnote #2.	Source: See footnote #1.	
Aerospace Engineers	Perform engineering work in designing, constructing, and testing aircraft, missiles, and spacecraft. May research materials and equipment used in aircraft design and manufacture.	390	
Agricultural Engineers	Apply knowledge of engineering technology and biological science to agricultural problems, such as power and machinery, electrification, structures, and soil and water conservation.	90	
Anthropologists and Archeologists	Study the origin, development, and behavior of humans through archaeological excavation or the lifeways, language, or physical characteristics of contemporary people.	160	
Biochemists and Biophysicists	Study and possibly research the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.	110	
Biomedical Engineers	Apply engineering, biology, and biomechanics to the design, development, and evaluation of products, such as artificial organs and prostheses, and biological and health systems.	290	
Cartographers and Photogrammetrists	Collect, analyze, and interpret geographic information provided by geodetic surveys, aerial photographs, and satellite data. Research, study, and prepare maps and other spatial data.	40	
Chemical Engineers	Use the principles and technology of chemistry, physics, and engineering to design chemical plant equipment and devise processes for manufacturing chemicals and products.	770	
Chemical Technicians	Conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for a variety of applications.	1,380	
Chemists	Conduct qualitative and quantitative chemical analyses or chemical experiments in laboratories for quality or process control or to develop new products or knowledge.	1,110	
Civil Engineers	Perform engineering duties in planning, designing, and overseeing construction and maintenance of roads, railroads, airports, bridges, power plants, harbors, etc.	3,450	
Computer Hardware Engineers	Research, design, and test computer or computer-related equipment for commercial, industrial, military, or scientific use. May supervise the manufacture and installation of this equipment.	590	
Electrical and Electronic Engineering Technicians	Apply electrical and electronic theory, under the direction of engineering staff, to design, build, repair, calibrate, and modify electrical components, circuitry, and machinery.	4,090	

1. Estimated wage and employment data are from the Tennessee Department of Labor and Workforce Development, Employment Security Research and Statistics Division (www.sourcetn.org).
2. Job titles and common descriptions are from the Bureau of Labor Statistics, U.S. Department of Labor, Standard Occupational Classification System (<http://www.bls.gov/soc>).

High Skill - High Wage - In Demand

	Projected Number of New Jobs, 2004-2014	Annual Median Wage	Most Common Education/Training	Suggested Programs of Study	High Skill	High Wage	In Demand
	Source: See footnote #1.		Source: See footnote #1.		See footnote #3.		
	90	\$83,362	Bachelor's Degree	Aerospace, Aeronautical and Astronautical Engineering	●	●	
	10	\$65,790	Bachelor's Degree	Agricultural Engineering	●	●	
	30	\$42,952	Master's Degree	Anthropology	●	●	
	20	\$44,276	Doctoral Degree	Biochemistry	●	●	
	70	\$63,489	Bachelor's Degree	Bioengineering and Biomedical Engineering; Engineering Design	●	●	
	0	\$37,781	Bachelor's Degree	Cartography	●	●	
	180	\$72,582	Bachelor's Degree	Chemical Engineering	●	●	
	150	\$38,584	Associate Degree	Chemical Technologist/Technician	●	●	●
	90	\$51,836	Bachelor's Degree	Chemistry, General Chemistry, Other; Medicinal/Pharmaceutical Chemistry	●	●	
	560	\$67,180	Bachelor's Degree	Civil Engineering, General	●	●	
	130	\$50,157	Bachelor's Degree	Computer Engineering; Electrical, Electronics and Communication Engineering	●	●	●
	620	\$49,720	Associate Degree	Computer Engineering Technologist/Technician; Electrical and Electronic Engineering-Related Technologist/Technician; Electrical, Electronic and Communications Engineering Technologist/Technician	●	●	●

3. The suggested programs of study are postsecondary programs.

For updated career information go to
<http://www.sourcetn.org>.

Science, Technology, Engineering & Mathematics Jobs in Tennessee

Title	Basic Description	Projected Total 2014 Employment	
Source: See footnote #2.	Source: See footnote #2.	Source: See footnote #1.	
Electrical Engineers	Design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.	2,590	
Electromechanical Technicians	Operate, test, and maintain unmanned, automated, servo-mechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment.	310	
Electronics Engineers, Except Computer	Apply electronic theory and materials properties to research, design, develop, and test electronic components and systems for use in fields such as telecommunications or aerospace guidance.	890	
Engineering Managers	Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields.	3,830	
Engineers, All Others	All engineers not listed separately.	2,800	
Geographers	Study nature and area use of the earth's surface. Includes relating and interpreting interactions of physical and cultural phenomena and study of landforms, climates, soils, etc.	10	
Geoscientists, Except Hydrologists and Geographers	Study the composition, structure, and other physical aspects of the earth. May use geology, physics, and mathematics in exploration for oil, gas, minerals, or underground water.	320	
Health and Safety Engineers, Except Mining Safety	Promote work site or product safety by applying knowledge of industrial processes, mechanics, chemistry, psychology, and industrial health and safety laws.	670	
Hydrologists	Research the distribution, circulation, and physical properties of underground and surface water (precipitation, soil infiltration rate, movement through the earth, etc.).	60	
Industrial Engineering Technicians	Work with engineering staff to apply engineering theory and principles to industrial layout or manufacturing production to establish standard production rates or improve efficiency.	1,720	
Industrial Engineers	Design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, and logistics.	4,340	

1. Estimated wage and employment data are from the Tennessee Department of Labor and Workforce Development, Employment Security Research and Statistics Division (www.sourcetn.org).
2. Job titles and common descriptions are from the Bureau of Labor Statistics, U.S. Department of Labor, Standard Occupational Classification System (<http://www.bls.gov/soc>).

High Skill - High Wage - In Demand

	Projected Number of New Jobs, 2004-2014	Annual Median Wage	Most Common Education/Training	Suggested Programs of Study	High Skill	High Wage	In Demand
	Source: See footnote #1.		Source: See footnote #1.		See footnote #3.		
	360	\$72,450	Bachelor's Degree	Electrical, Electronics and Communication Engineering	●	●	●
	30	\$48,976	Associate Degree	Computer Engineering Technologist/Technician; Electrical and Electronic Engineering-Related Technologist/Technician; Electrical, Electronic and Communications Engineering Technologist/Technician; Engineering-Related Technologist/Technician, Other; Mechanical Engineering/Mechanical Technologist/Technician	●	●	●
	130	\$68,923	Bachelor's Degree	Electrical, Electronics and Communication Engineering	●	●	●
	660	\$79,816	Work experience, plus Bachelor's Degree	Aerospace, Aeronautical and Astronautical Engineering; Agricultural Engineering; Architectural Engineering; Bioengineering and Biomedical Engineering; Chemical Engineering; Civil Engineering, General; Computer Engineering; Electrical, Electronics and Communication Engineering; Engineering Design; Engineering Physics; Engineering Science; Engineering, General; Engineering, Other; Engineering/Industrial Management; Industrial/Manufacturing Engineering; Materials Engineering; Materials Science; Mechanical Engineering; Metallurgical Engineering; Nuclear Engineering; Polymer/Plastics Engineering	●	●	
	680	\$76,559	Bachelor's Degree	Architectural Engineering; Engineering Design; Engineering Physics; Engineering Science; Engineering, General; Engineering, Other; Engineering/Industrial Management; Polymer/Plastics Engineering	●	●	
	0	\$67,525	Master's Degree	Geography	●	●	
	40	\$49,140	Master's Degree	Earth and Planetary Sciences Geology Geophysics And Seismology	●	●	
	110	\$64,555	Bachelor's Degree	Engineering/Industrial Management	●	●	
	10	\$69,296	Master's Degree	Earth and Planetary Sciences Geology	●	●	
	300	\$45,024	Associate Degree	Industrial/Manufacturing Technologist/Technician	●	●	
	840	\$61,271	Bachelor's Degree	Architectural Engineering; Bioengineering and Biomedical Engineering; Engineering Design; Engineering Physics; Engineering Science; Engineering, General; Engineering, Other; Engineering/Industrial Management; Industrial/Manufacturing Engineering; Polymer/Plastics Engineering	●	●	●

3. The suggested programs of study are postsecondary programs.

For updated career information go to
<http://www.sourceten.org>.

Science, Technology, Engineering & Mathematics Jobs in Tennessee

Title	Basic Description	Projected Total 2014 Employment	
Source: See footnote #2.	Source: See footnote #2.	Source: See footnote #1.	
Life Scientists, All Others	All life scientists not listed separately.	260	
Life, Physical, and Social Science Technicians, All Others	All life, physical, and social science technicians not listed separately.	1,410	
Materials Engineers	Evaluate materials, machinery and processes used to manufacture materials for use in products that must meet specialized design and performance specifications.	940	
Materials Scientists	Research and study structures and chemical properties of natural and manmade materials, including metals, alloys, rubber, ceramics, semiconductors, polymers, and glass.	110	
Mechanical Engineering Technicians	Apply theory and principles of mechanical engineering to modify, develop, and test machinery and equipment under direction of engineering staff or physical scientists.	650	
Mechanical Engineers	Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment, such as centralized heat, gas, water, and steam systems.	4,920	
Microbiologists	Investigate the growth, structure and development of microscopic organisms, such as bacteria, algae, or fungi, including the relationship between organisms and disease.	240	
Natural Sciences Managers	Plan, direct, or coordinate activities in such fields as life sciences, physical sciences, mathematics, statistics, and research and development in these fields.	300	
Physical Scientists, All Others	All physical scientists not listed separately.	540	
Physicists	Research the phases of physical phenomena, develop theories and laws on the basis of observation and experiments, and devise methods to apply laws and theories to industry.	810	
Social Scientists and Related Workers, All Others	All social scientists and related workers not listed separately.	470	

1. Estimated wage and employment data are from the Tennessee Department of Labor and Workforce Development, Employment Security Research and Statistics Division (www.sourcetn.org).
2. Job titles and common descriptions are from the Bureau of Labor Statistics, U.S. Department of Labor, Standard Occupational Classification System (<http://www.bls.gov/soc>).

High Skill - High Wage - In Demand

	Projected Number of New Jobs, 2004-2014	Annual Median Wage	Most Common Education/Training	Suggested Programs of Study	High Skill	High Wage	In Demand
	Source: See footnote #1.		Source: See footnote #1.		See footnote #3.		
	30	\$60,404	Bachelor's Degree	Biological Sciences/Life Sciences, Other Biology, General	●	●	
	340	\$44,964	Associate Degree	Physical Science Technologists/Technicians, Other	●	●	●
	230	\$84,122	Bachelor's Degree	Materials Engineering Metallurgical Engineering	●	●	●
	0	\$54,619	Bachelor's Degree	Materials Science	●	●	
	120	\$41,381	Associate Degree	Mechanical Engineering/Mechanical Technologist/Technician	●	●	●
	810	\$63,063	Bachelor's Degree	Mechanical Engineering	●	●	●
	40	\$48,505	Doctoral Degree	Microbiology/Bacteriology	●	●	
	30	\$79,709	Work experience, plus Bachelor's Degree	Anatomy; Applied Mathematics, General; Astronomy; Biochemistry; Biological Sciences/Life Sciences, Other; Biology, General; Botany, General; Cell Biology; Chemistry, General; Chemistry, Other; Earth and Planetary Sciences; Geology; Geophysics and Seismology; Mathematics; Medicinal/Pharmaceutical Chemistry; Microbiology/Bacteriology; Molecular Biology; Pathology, Human and Animal; Pharmacology, Human and Animal; Physical Sciences, Other; Physics, General; Physiology, Human and Animal; Radiation Biology/Radiobiology; Toxicology; Zoology, General	●	●	
	100	\$46,282	Bachelor's Degree	Chemistry, Other; Physical Sciences, Other	●	●	●
	60	\$82,668	Doctoral Degree	Health Physics/Radiologic Health Physics, General	●	●	●
	30	\$60,798	Master's Degree	Social Sciences, General	●	●	

3. The suggested programs of study are postsecondary programs.

For updated career information go to
<http://www.sourcetn.org>.

PROGRAMS OF STUDY

TENNESSEE TECHNOLOGY CENTERS, COLLEGES & UNIVERSITIES

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS MAJORS

Austin Peay State University
www.apsu.edu

Chattanooga State Technical Community College
www.chattanoogastate.edu

Cleveland State Community College
www.clsc.cc.tn.us

East Tennessee State University
www.etsu.edu

Jackson State Community College
www.jscc.cc.tn.us

Middle Tennessee State University
www.mtsu.edu

Nashville State Community College
www.nsc.c.edu

Northeast State Technical Community College
www.nstcc.cc.tn.us

Aerospace, Aeronautical and
Astronautical Engineering

Agricultural Engineering

Anthropology

Applied Mathematics, General

Architectural Engineering Technologies/Technicians

Architectural Engineering

Biochemistry

Bioengineering and Biomedical Engineering

Biological and Physical Sciences

Biological Sciences/Life Sciences, Other

Biology, General

Biomedical Sciences, General

Cartography

Chemical Engineering

Chemical Technology/Technician

Chemistry, General

Civil Engineering, General

Computer Engineering Technology/Technician

Computer Engineering

Electrical, Electronic and Communications
Engineering Technology/Technician

Electrical, Electronics and
Communication Engineering

Engineering Physics

B

B

B

B

M

B, M

B, M

B, M

M, D

C

A

B

B, M

B, M, D

A

B

A

A

This chart was based upon the best available information and is intended only to serve as a general guide for educational opportunities. Department names for programs vary among schools. Refer to related cluster booklets for other possible programs. Community Colleges (www.tbr.state.tn.us/campuses.htm) offer University Parallel Programs, which may also offer opportunities for study in this field. Contact the schools' academic departments or your school advisor for current programs and degrees: www.tbr.state.tn.us/campuses.htm and <http://www.tennessee.edu/>.

	Pellissippi State Technical Community College www.pstcc.cc.tn.us	Roane State Community College www.rsccl.cc.tn.us	Southwest Tennessee Community College www.southwest.tn.edu/	Tennessee Technology Center at Pulaski www.pulaski.tcc.tn.us/	Tennessee State University www.tnstate.edu	Tennessee Technological University www.tntech.edu	The University of Memphis www.memphis.edu	University of Tennessee at Chattanooga www.utc.edu	University of Tennessee at Knoxville www.utk.edu	University of Tennessee at Martin www.utm.edu	University of Tennessee at Memphis www.utmem.edu	Walters State Community College www.wsccl.cc.tn.us
									B, M, D			
									B, M, D			
							B, M		B, M, D			
								B				
								B, M, S	S			
					B							
									M, D			
							B, M, D				M, D	
									M, D		M	
					B, M, D	B, M	B, M, D	B	B	B		
	A	C, A			S		S					
						B, M			B, M, D			
					B, M	B, M	B, M, D	B	B, M, D	B		
					B	B, M	B, M		B, M, D			
			C, A				B					
					M, D	B	B		B, M, D			
	A		C, A				B					
					B	B, M	B, M	B	B, M, D			
									B			

For financial aid information, go to the Tennessee Student Assistance Corporation, http://Tennessee.gov/tsac/about_us.htm, or The Source, www.sourcetn.org (Services for Individuals, Education Services, Financial Aid).

C = Postsecondary Awards/
Certificates/Diplomas
A = Associate Degree
B = Bachelor's Degree
M = Master's Degree
D = Doctoral Degree
S = Special Postbaccalaureate

PROGRAMS OF STUDY

TENNESSEE TECHNOLOGY CENTERS, COLLEGES & UNIVERSITIES

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS MAJORS

Austin Peay State University
www.apsu.edu

Chattanooga State Technical Community College
www.chattanoogastate.edu

Cleveland State Community College
www.clsc.cc.tn.us

East Tennessee State University
www.etsu.edu

Jackson State Community College
www.jscc.cc.tn.us

Middle Tennessee State University
www.mtsu.edu

Nashville State Community College
www.nscs.edu

Northeast State Technical Community College
www.nstcc.cc.tn.us

Engineering Science								
Engineering Technology, General	B	A		B, M		B	A	
Engineering, General								
Engineering/Industrial Management								
Geography				B				
Geology	B			B		B, S		
Geophysics and Seismology								
Industrial Engineering								
Industrial Technology/Technician		A	A		A	B, M		A
Manufacturing Technology/Technician							A	
Material Engineering								
Mathematics	B			B, M		B, M		
Mechanical Engineering								
Mechanical Engineering/Mechanical Technology/Technician								
Medical Microbiology and Bacteriology								
Medicinal and Pharmaceutical Chemistry (MS, PhD)								
Nuclear Engineering								
Physics, General	B			B		B		
Plastics Technology/Technician								
Polymer/Plastics Engineering								
Social Sciences, General								
Systems Engineering								

This chart was based upon the best available information and is intended only to serve as a general guide for educational opportunities. Department names for programs vary among schools. Refer to related cluster booklets for other possible programs. Community Colleges (www.tbr.state.tn.us/campuses.htm) offer University Parallel Programs, which may also offer opportunities for study in this field. Contact the schools' academic departments or your school advisor for current programs and degrees: www.tbr.state.tn.us/campuses.htm and <http://www.tennessee.edu/>.

	Pellissippi State Technical Community College www.pstcc.cc.tn.us	Roane State Community College www.rsccl.cc.tn.us	Southwest Tennessee Community College www.southwest.tn.edu/	Tennessee Technology Center at Pulaski www.pulaski.tec.tn.us/	Tennessee State University www.tnstate.edu	Tennessee Technological University www.tntech.edu	The University of Memphis www.memphis.edu	University of Tennessee at Chattanooga www.utc.edu	University of Tennessee at Knoxville www.utk.edu	University of Tennessee at Martin www.utm.edu	University of Tennessee at Memphis www.utmem.edu	Walters State Community College www.wscc.cc.tn.us
									B, M, D			
							M, S				S	
					M	D	D	B, M		B		
								B, M, S	S			
							B		B, M, D			
						B	B	B	B, M, D	B		
							M, D					
						B, M			B, M, D			
						B						C, A
							B					
									B, M, D			
					B, M	B, M	B, M, D	B	B, M, D	B		
					B	B, M	B, M	B	B, M, D, S			
	A		A									
							B, M, D		M, D			
											M, D	
									B, M, D, S			
					B	B	B, M	B	B, M, D			
				C								
									M, D			
										B		
								D				

For financial aid information, go to the Tennessee Student Assistance Corporation, http://Tennessee.gov/tsac/about_us.htm, or The Source, www.sourcetn.org (Services for Individuals, Education Services, Financial Aid).

C = Postsecondary Awards/ Certificates/Diplomas
A = Associate Degree
B = Bachelor's Degree
M = Master's Degree
D = Doctoral Degree
S = Special Postbaccalaureate

Tennessee Licensed Occupations

Job Titles and Licenses	Contacts
<p>Cartographers and Photogrammetrists Land Surveyor</p>	 <p>Board of Examiners for Land Surveyors Division of Regulatory Boards Department of Commerce and Insurance Davy Crockett Tower, 2nd Floor 500 James Robertson Pkwy. Nashville, TN 37243 (615) 741-3611 http://www.tennessee.gov/commerce/</p>
<p>Aerospace Engineers Agricultural Engineers Biomedical Engineers Chemical Engineers Civil Engineers Computer Hardware Engineers Electrical Engineers Electronics Engineers, Except Computer Health and Safety Engineers, Except Mining Safety Industrial Engineers Materials Engineers Mechanical Engineers Nuclear Engineers Engineers, All Others Engineer Engineering Intern</p>	 <p>Board of Architectural & Engineering Examiners Division of Regulatory Boards Department of Commerce and Insurance Davy Crockett Tower, 3rd Floor 500 James Robertson Pkwy. Nashville, TN 37243 (615) 741-3221 http://www.tennessee.gov/commerce/</p>
<p>Computer Hardware Engineers Electrical Engineers Electronics Engineers, Except Computer Electrical and Electronic Engineering Technicians Electromechanical Technicians Alarm System Contractor Qualifying Agent</p>	 <p>Board for Licensing Alarm Systems Contractors Division of Regulatory Boards Department of Commerce and Insurance Davy Crockett Tower, 2nd Floor 500 James Robertson Pkwy. Nashville, TN 37243 (615) 741-9771 http://www.tennessee.gov/commerce/</p>

Tennessee Licensed Occupations

Job Titles and Licenses	Contacts
<p>Biochemists and Biophysicists Microbiologists Biological Scientists, All Others Medical Laboratory Director</p>	 <p>Medical Laboratory Board Division of Health Related Boards Department of Health 227 French Landing, Suite 300 Heritage Place MetroCenter Nashville, TN 37243 (615) 532-3202 http://health.state.tn.us/boards/index.htm</p>
<p>Geoscientists, Except Hydrologists and Geographers Hydrologists Geologist Professional Geologist</p>	 <p>Geology Registration Program Division of Regulatory Boards Department of Commerce and Insurance Davy Crockett Tower, 3rd Floor 500 James Robertson Pkwy. Nashville, TN 37243 (615) 741-3611 http://www.tennessee.gov/commerce/</p>
<p>Biochemists and Biophysicists Microbiologists Biological Scientists, All Others Pest Control Consultant</p>	 <p>Tennessee Pest Control Board Department of Agriculture P.O. Box 40627, Melrose Station Nashville, TN 37204 (615) 837-5148 http://state.tn.us/agriculture/regulate/index.html</p>



Discover your talents

Tennessee Career Information Delivery System (TCIDS): <http://tcids.tbr.edu/>
The Source: <http://www.sourcetn.org>

Notice

The Tennessee Career Cluster Guides and accompanying Planning Guide are publications of the Tennessee Department of Education. Information contained herein is provided as a public service. While every attempt has been made to provide accurate information, there is no guarantee of the completeness or accuracy of the information provided. There is no promise or warranty that the agencies involved will continue to provide or update information. This service may be suspended or discontinued at any time. The user assumes the responsibility of verifying any information used or relied upon.

For more information on Career clusters:
<http://www.tennessee.gov/education/cte>

It is the Tennessee Department of Education's policy to provide an environment free of discrimination and harassment of an individual because of that person's race, color, national origin, age (over 40), sex, pregnancy, religion, creed, disability or any other category protected by state and/or federal law. If you feel your rights have been violated please contact:

Lesley D. Farmer, Esq., Director
Office for Civil Rights
Tennessee Department of Education
710 James Robertson Parkway, 6th Floor
Nashville, TN 37243-0383
Tel. (615) 253-1550



States' Career Clusters Initiative
www.careerclusters.org

